

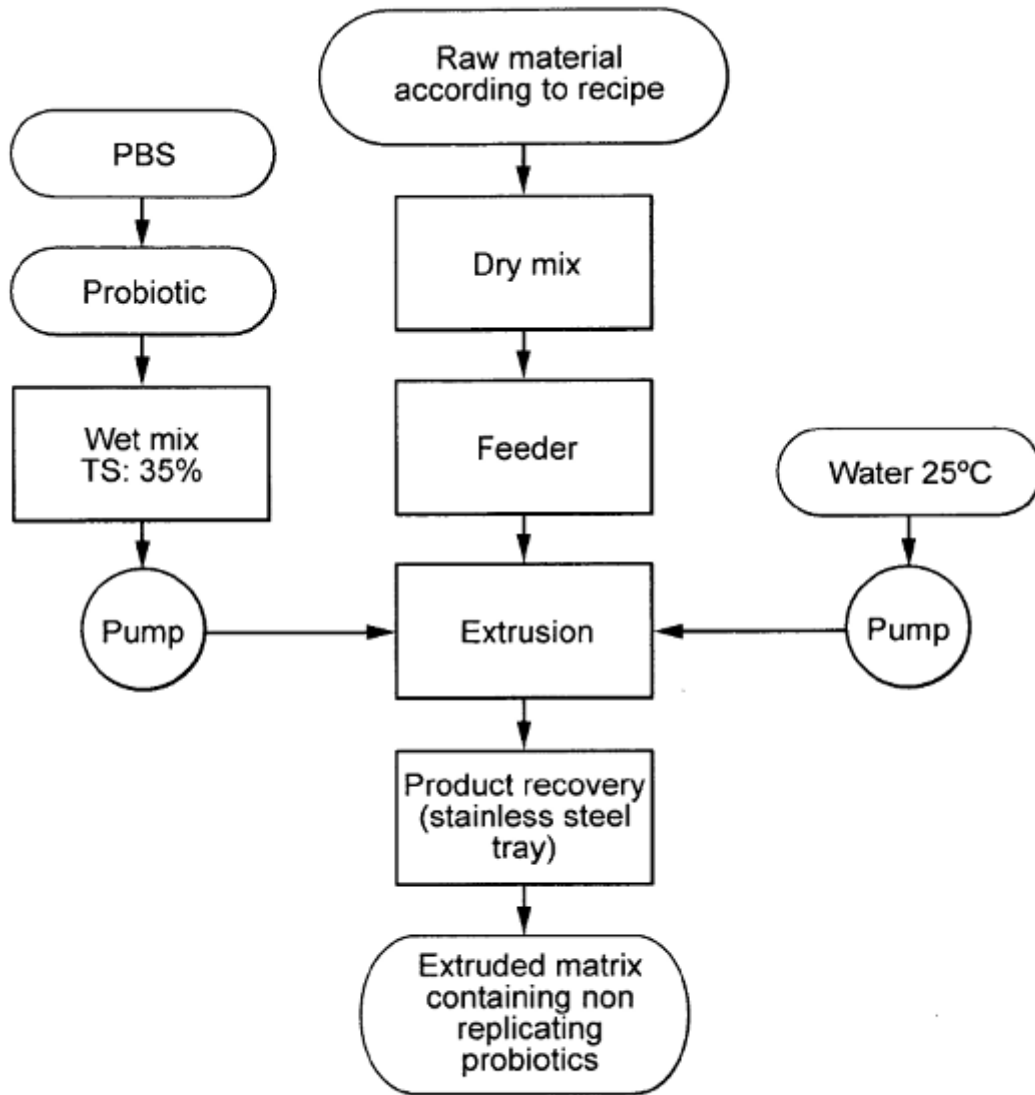


FIG. 1

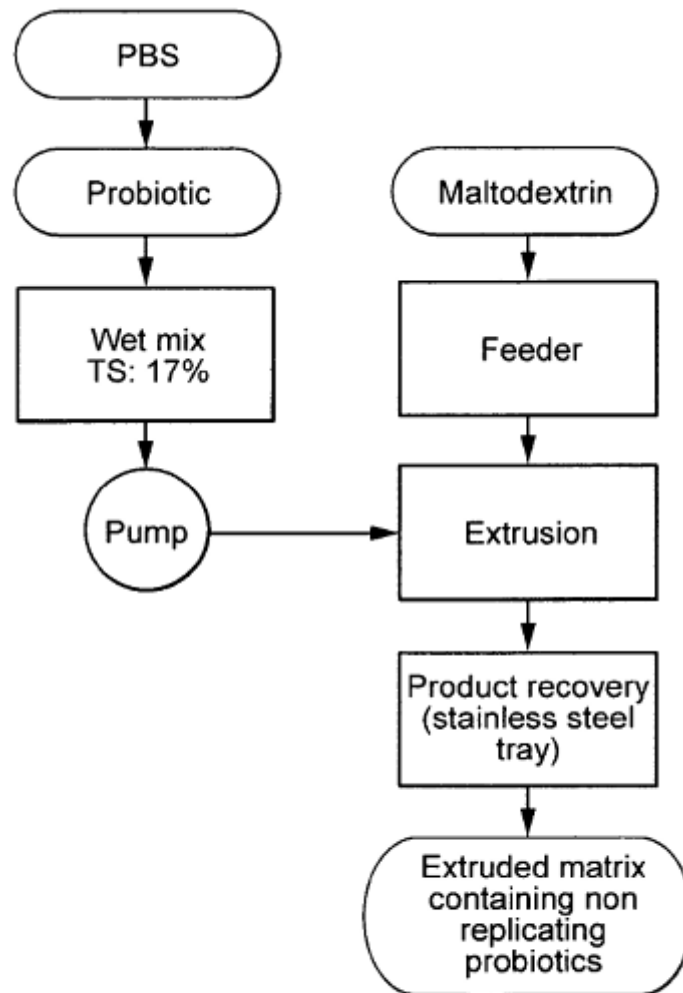


FIG. 2

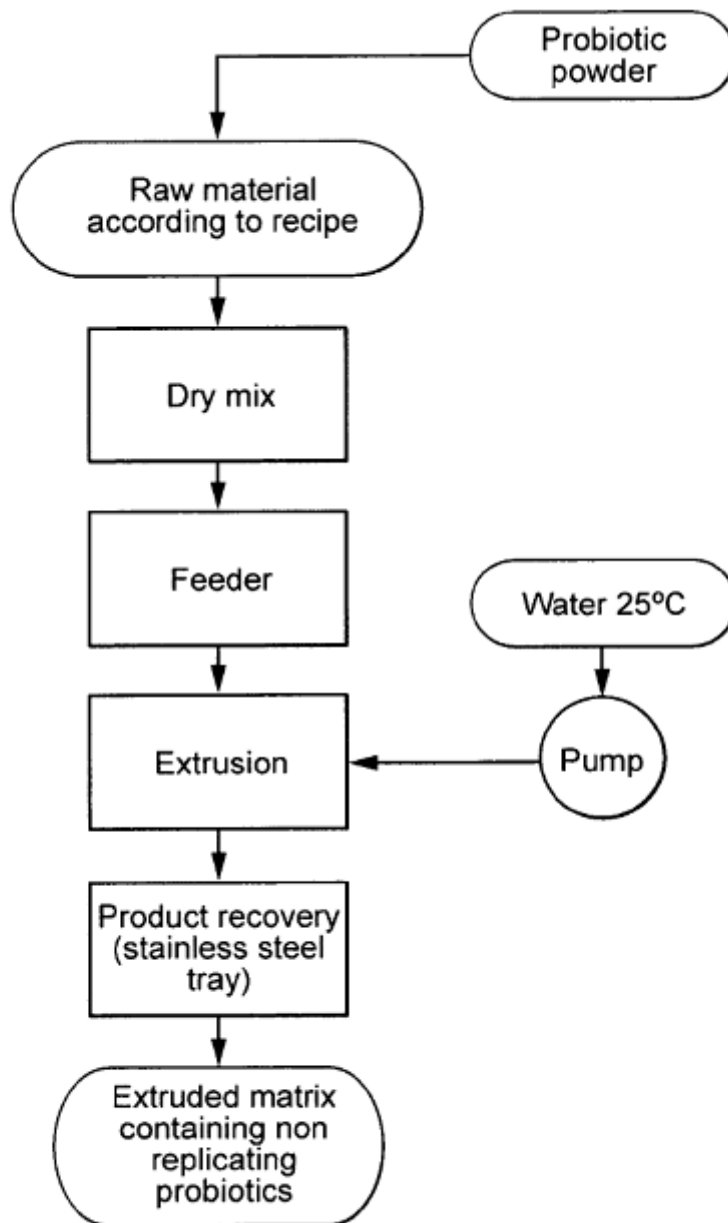


FIG. 3

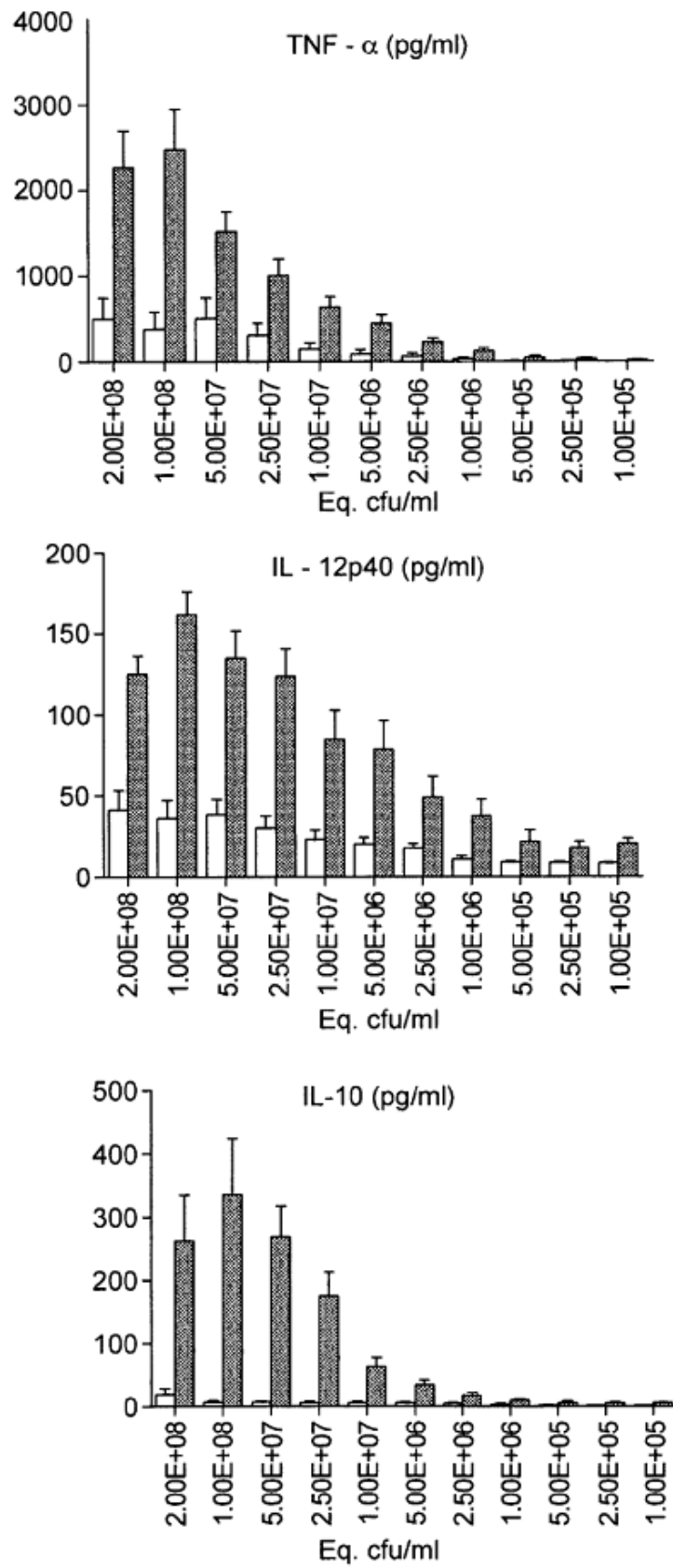


FIG. 4

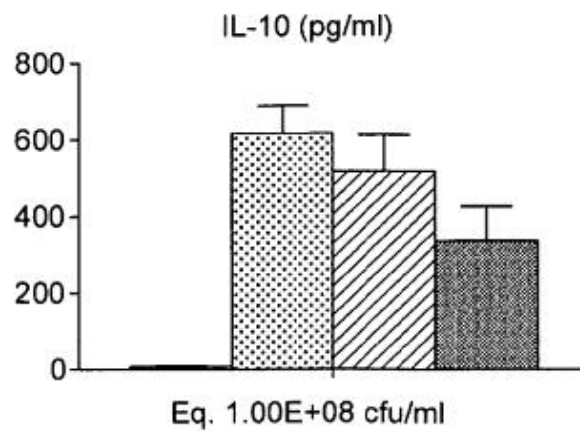
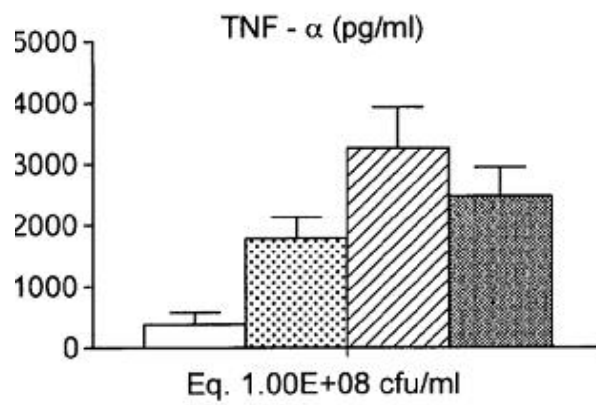
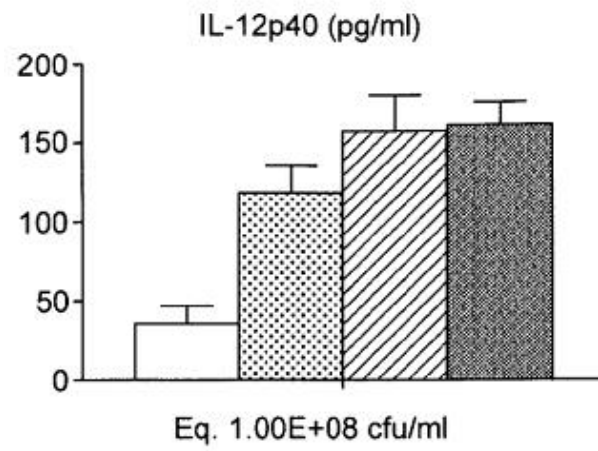


FIG. 5

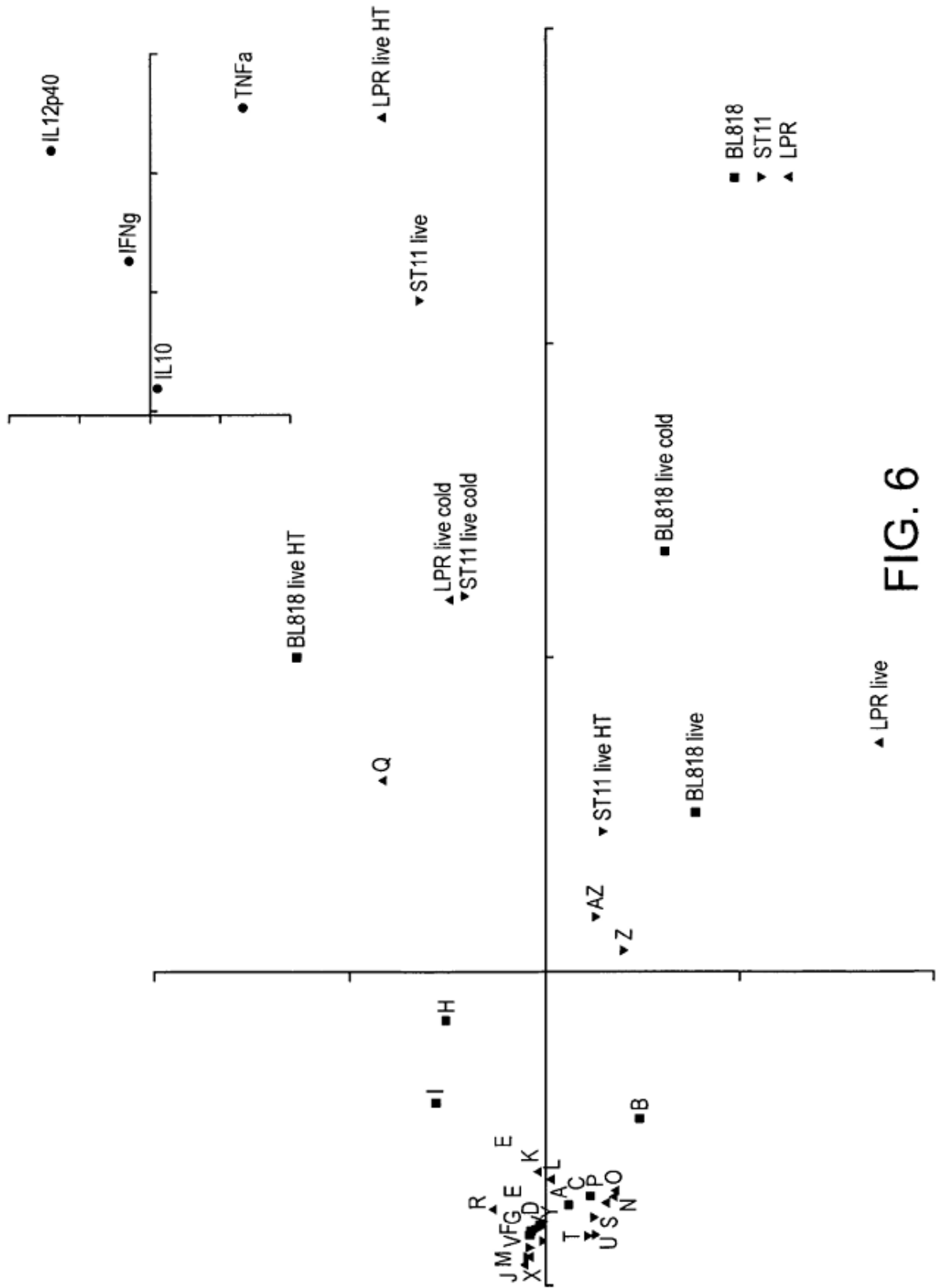


FIG. 6

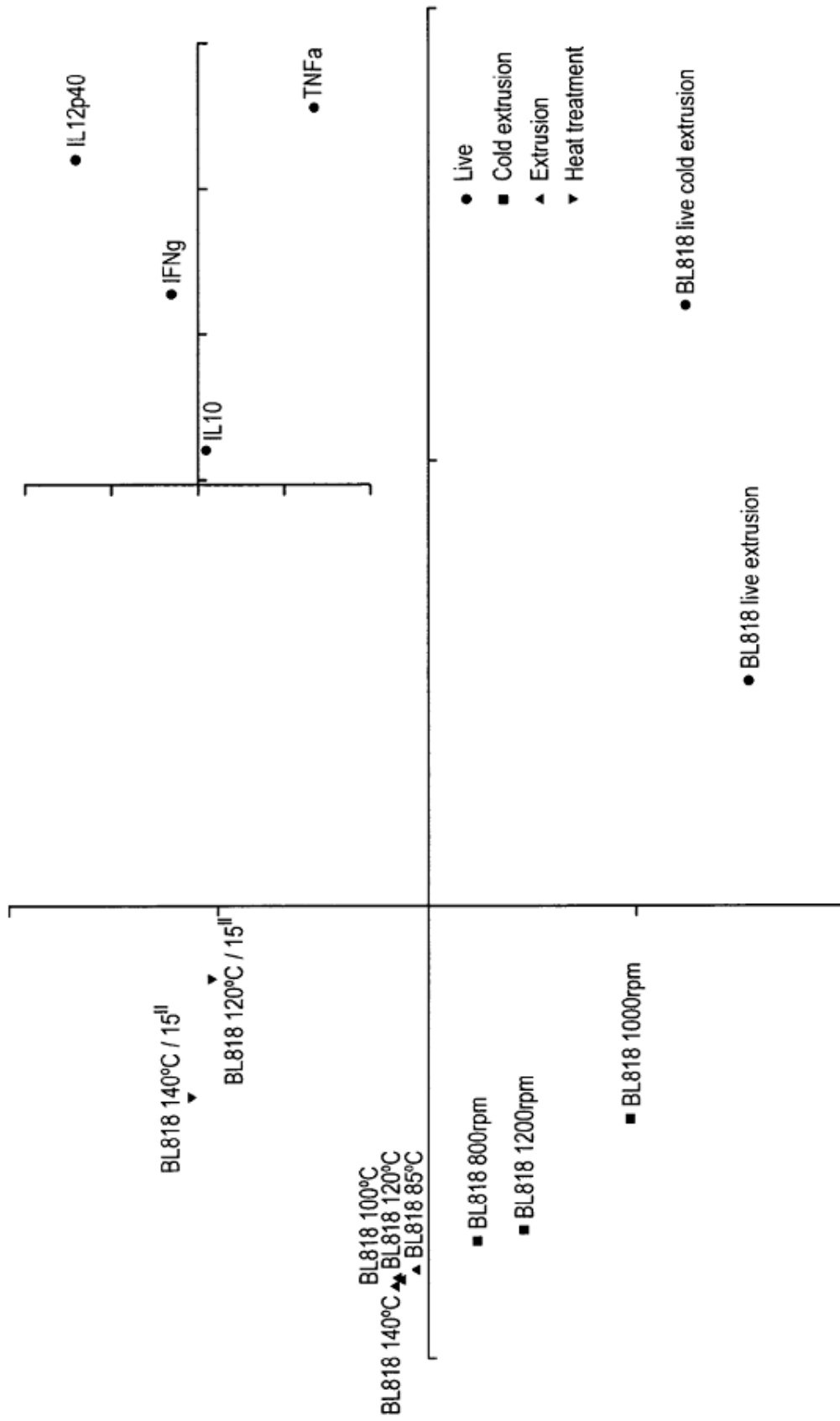


FIG. 7

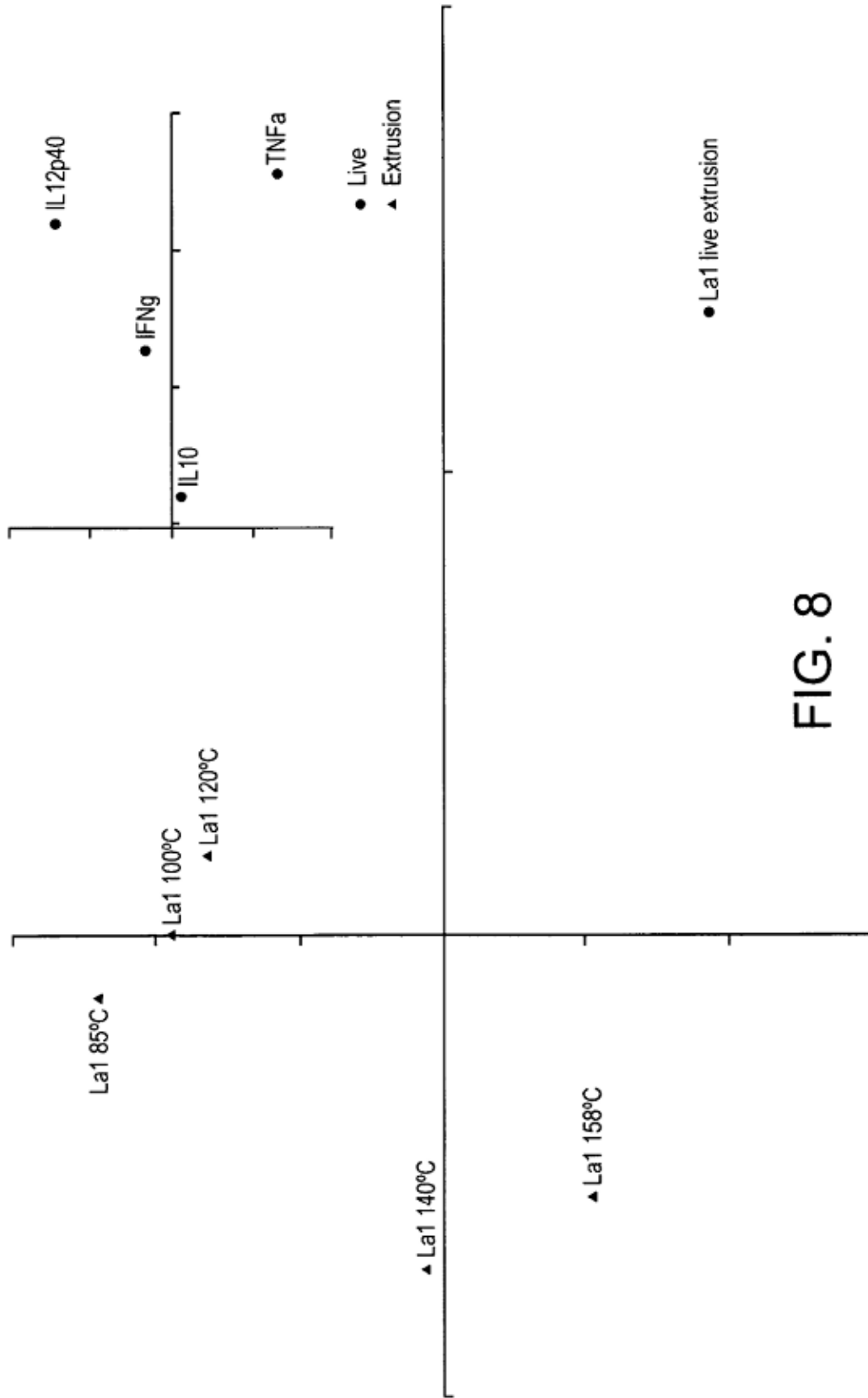


FIG. 8

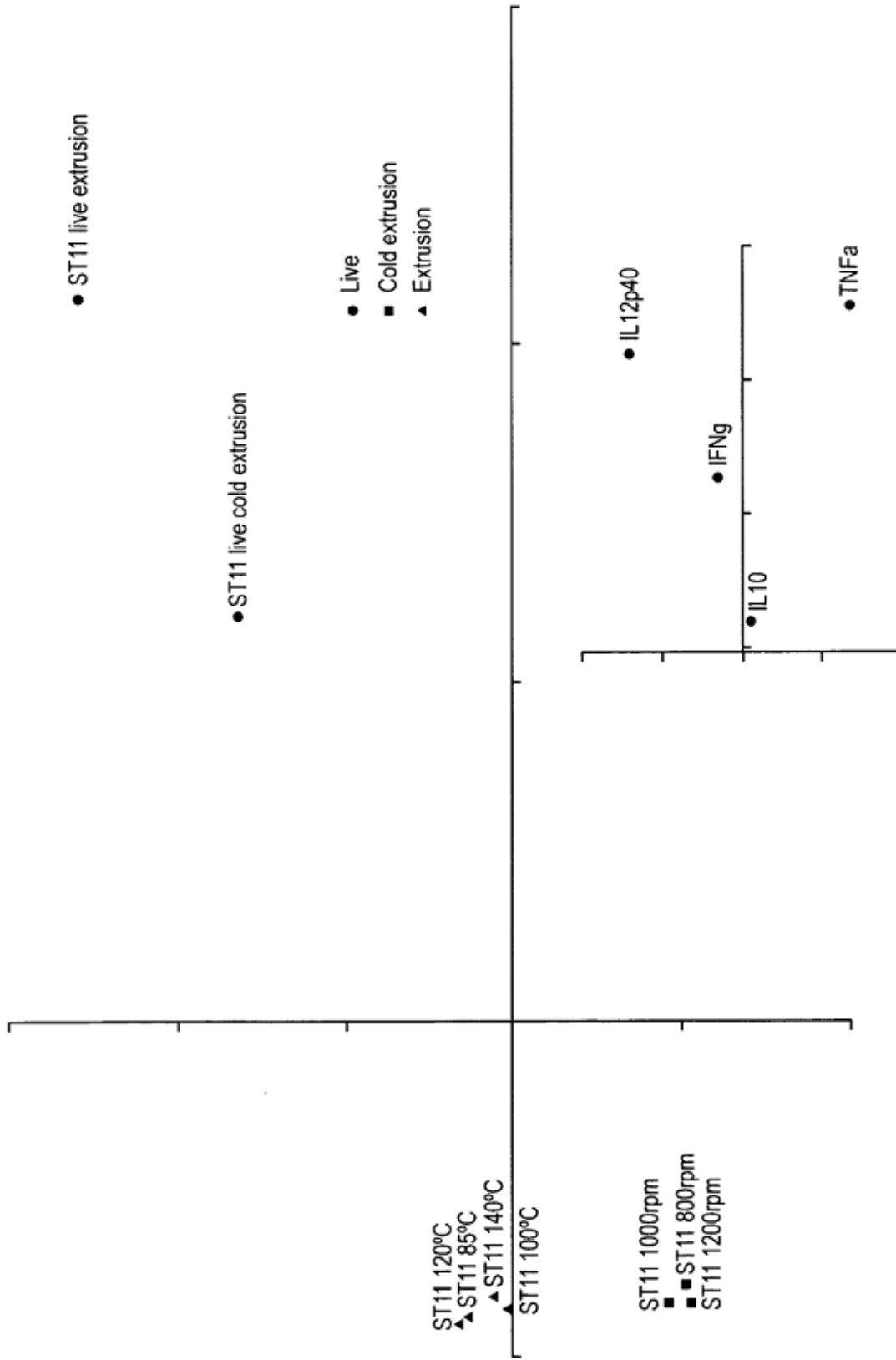


FIG. 9

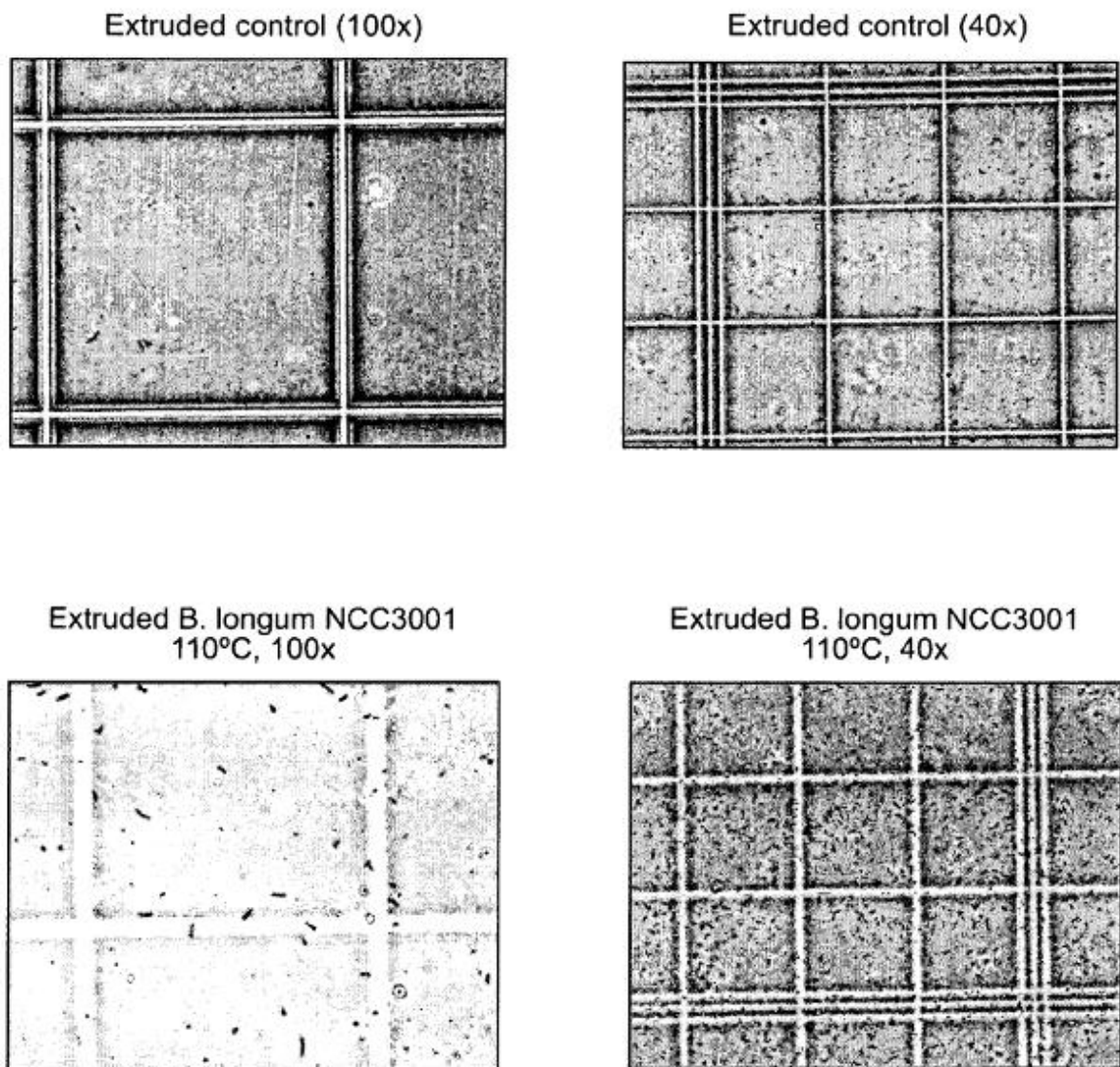
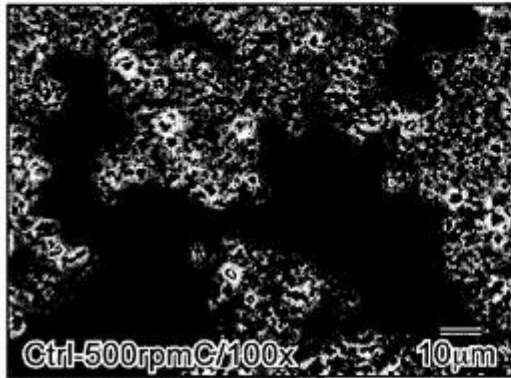


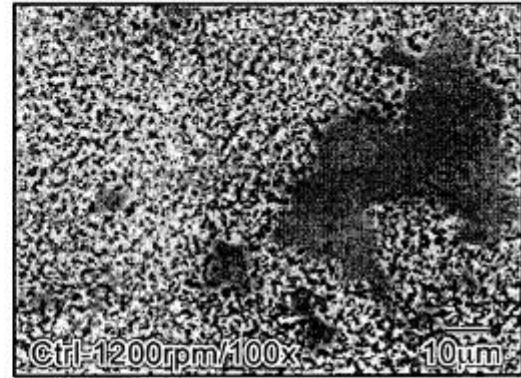
FIG. 10A

Cold extruded control (without bacteria)

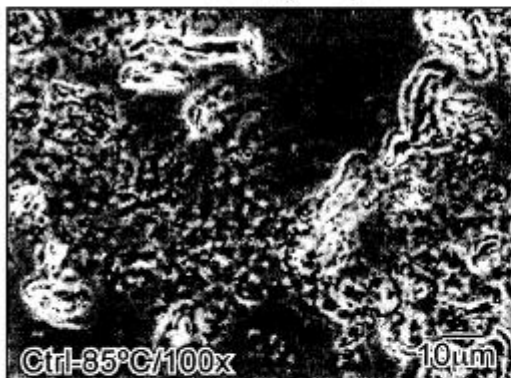
500rpm (100x)



1200rpm (100x)



85°C (100x)



140°C (100x)

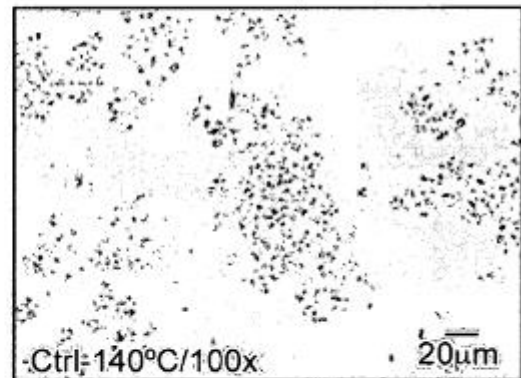


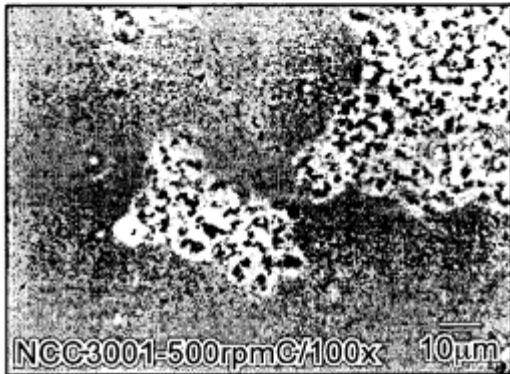
FIG. 10B

Live *B. longum* (NCC3001) (100x)

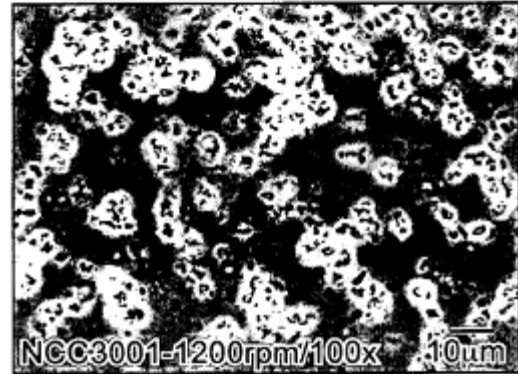


Cold extruded *B. longum* (NCC3001)

500rpm (100x)

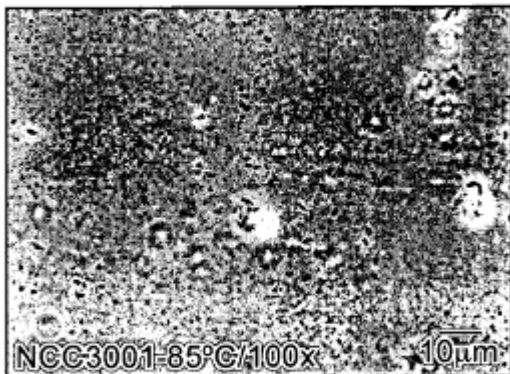


1200rpm (100x)



Extruded *B. longum* (NCC3001)

85°C (100x)

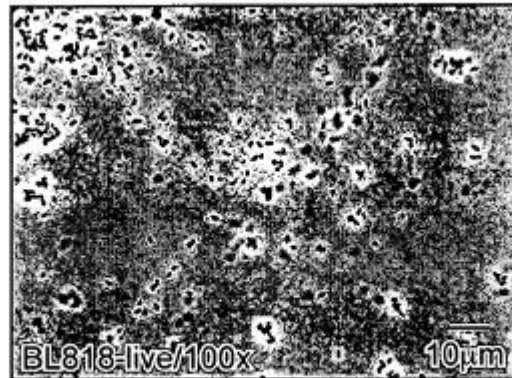


140°C (100x)



FIG. 10C

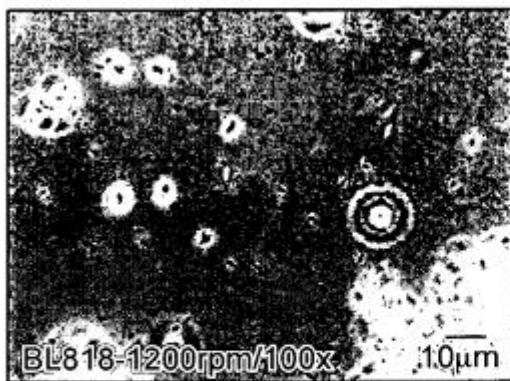
Live *B. lactis* (BL818) (100x)



Cold extruded *B. lactis* (BL818)

500rpm (100x)

1200rpm (100x)



Extruded *B. lactis* (BL818)

85°C (100x)

140°C (100x)

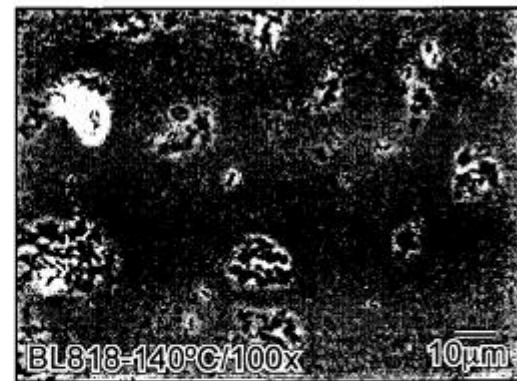
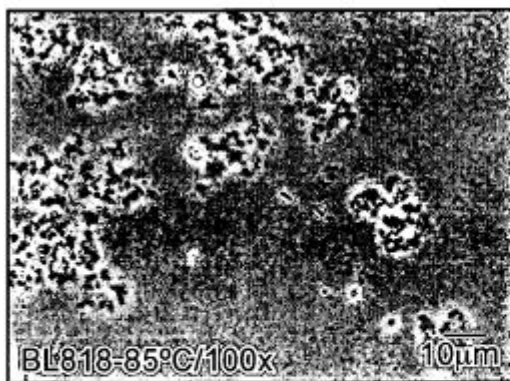


FIG. 10D

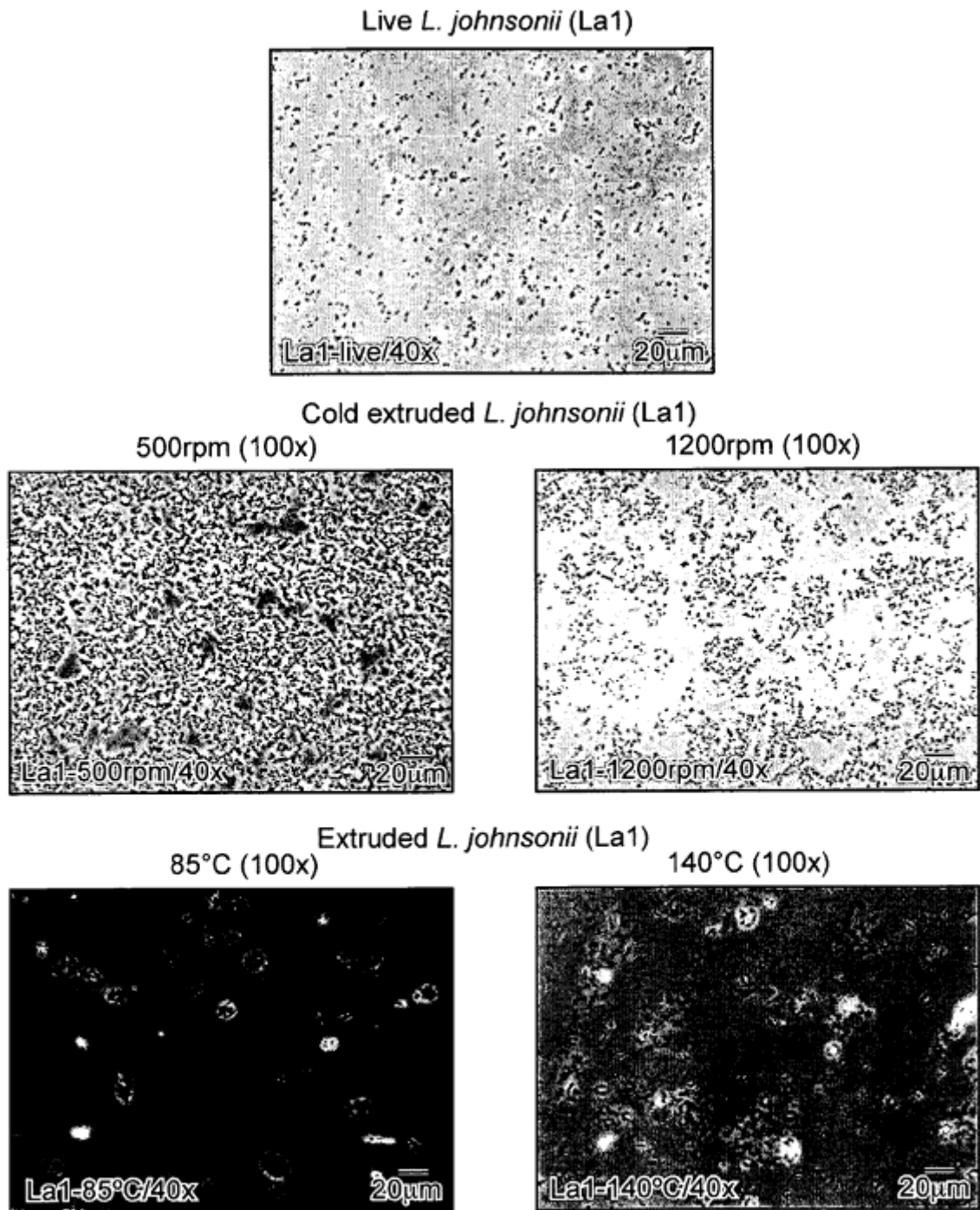


FIG. 10E

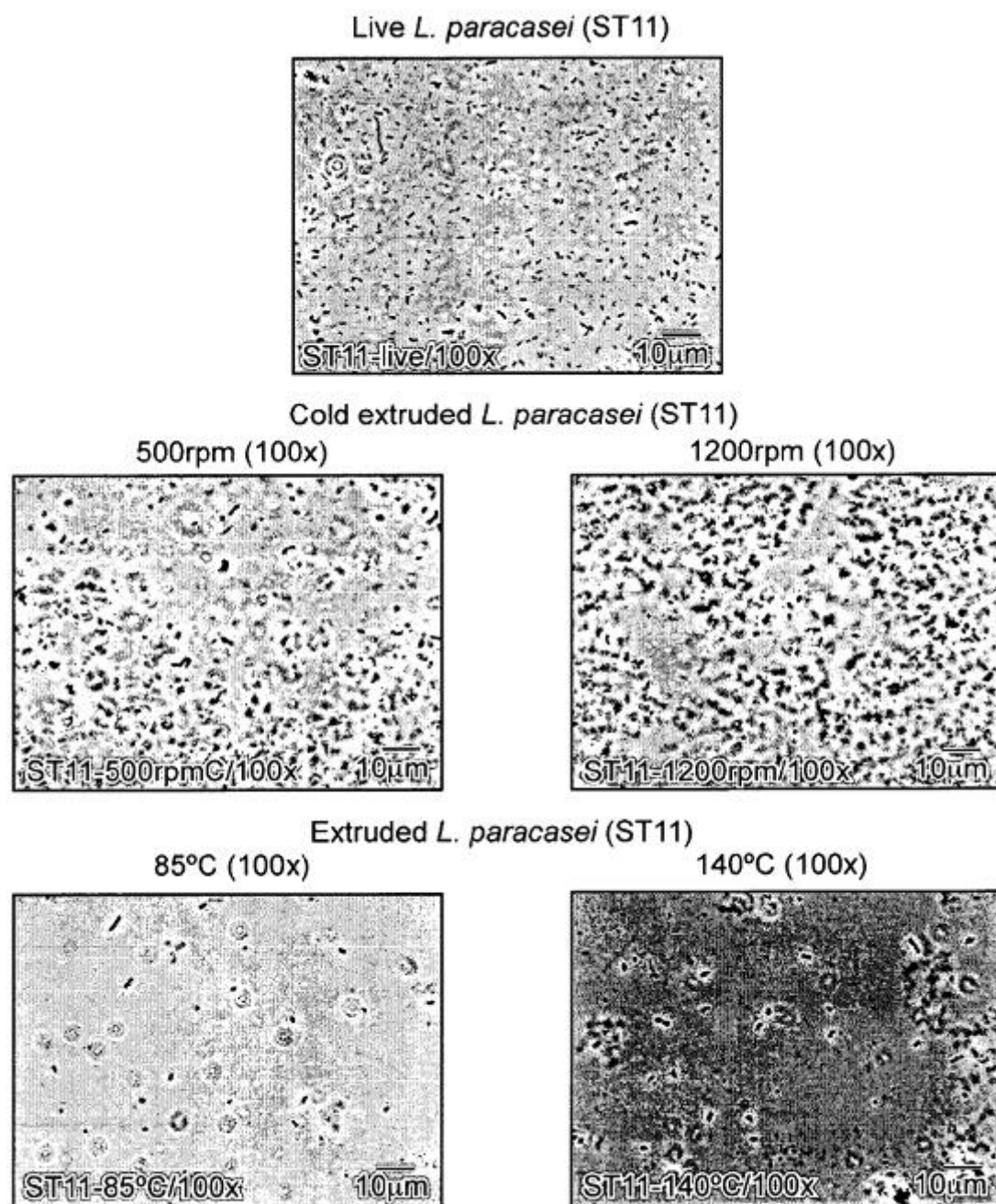


FIG. 10F

Fig: *B. lat*ics (BL818)

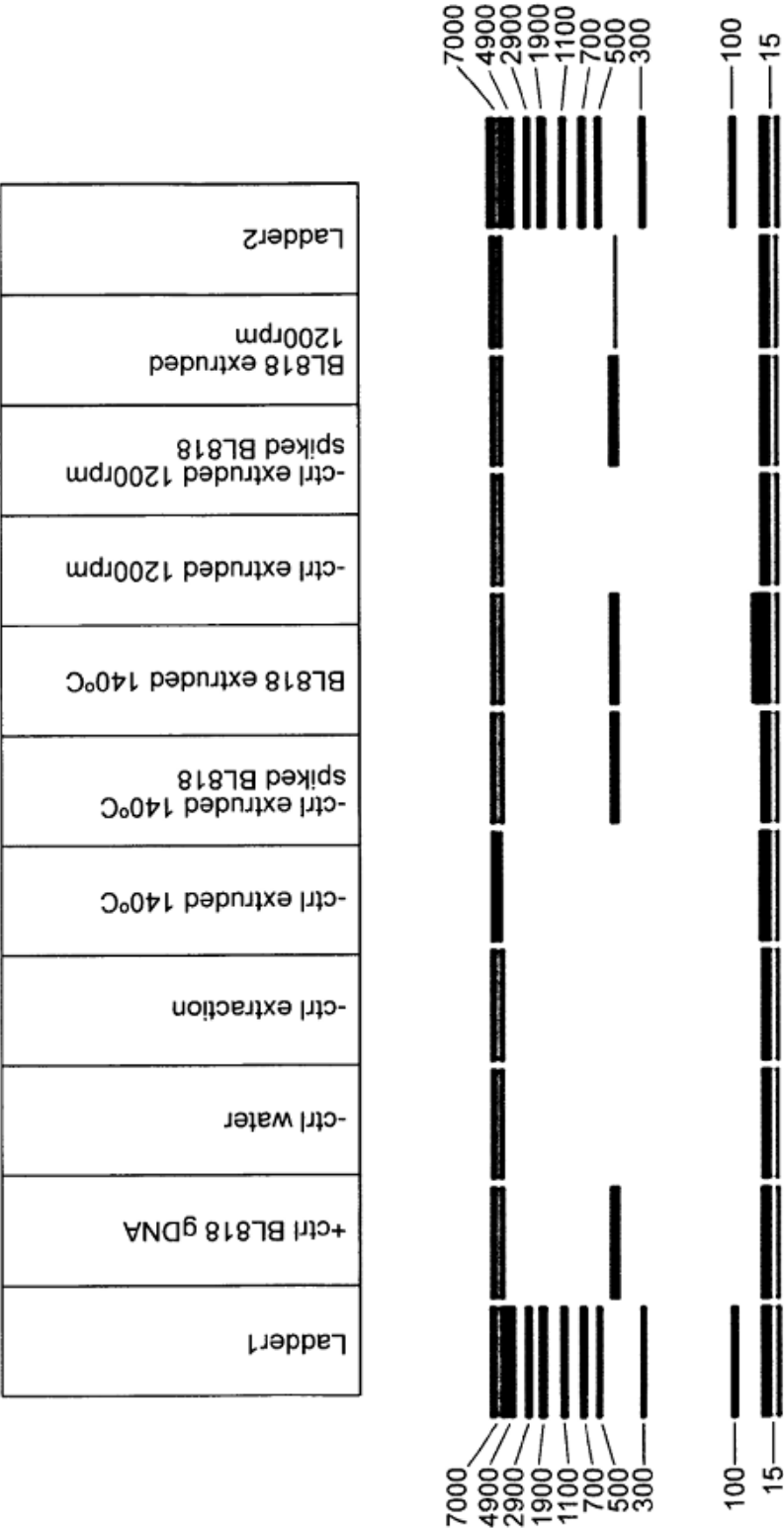


FIG. 11A

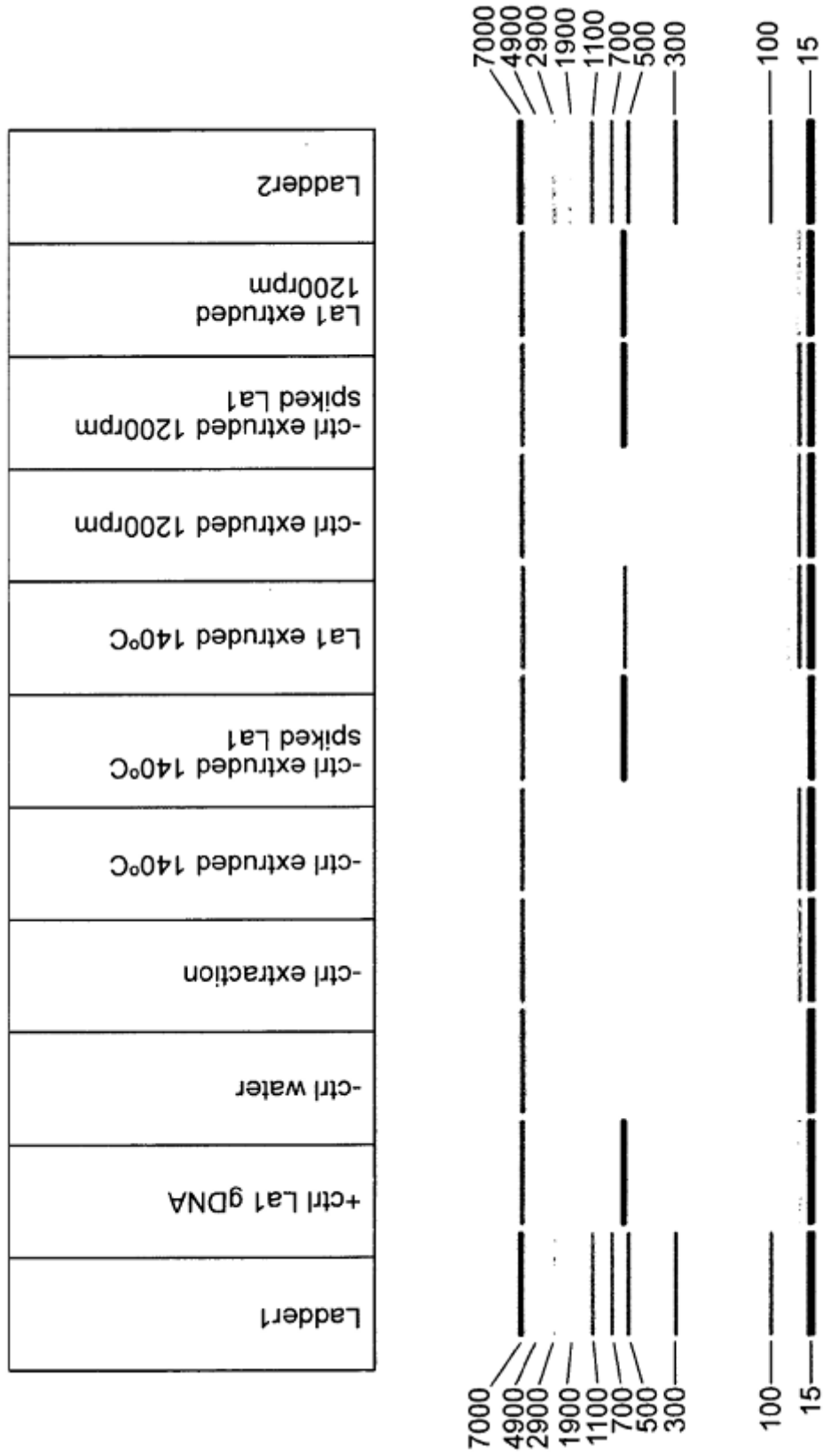
Fig: *L. johnsonii* (La1)

FIG. 11A Cont'd

Fig: *L. paracasei* (ST11)

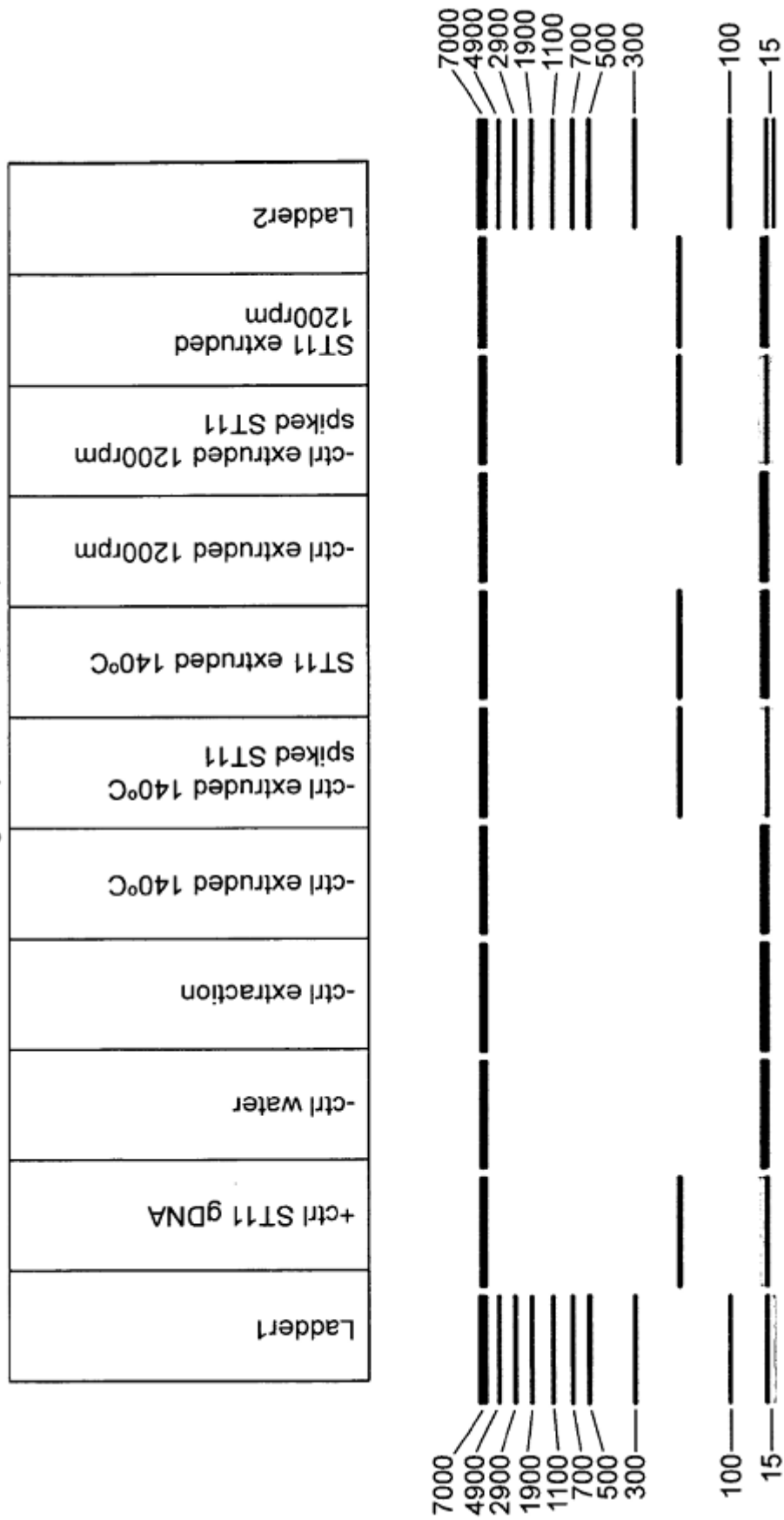
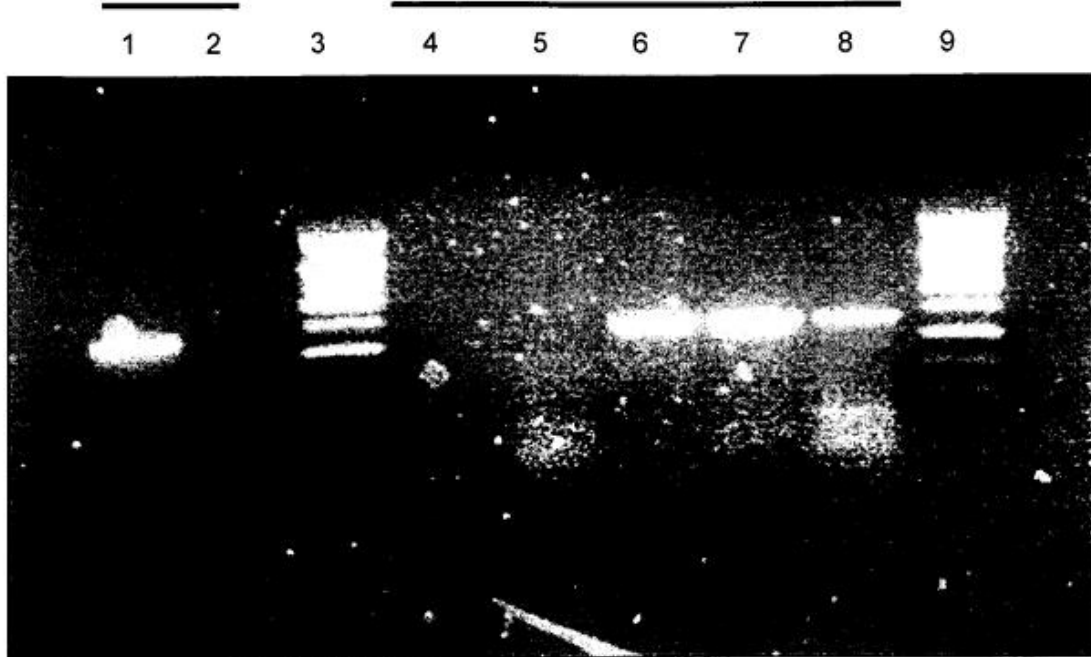


FIG. 11B

Fig: *B. longum* (NCC3001)

Primers NCC3001A/B



1. gDNA NCC3001 +ctrl
2. NTC -ctrl
3. SmartLadder SF Eurogentec
4. -Ctrl extraction
5. -Ctrl extruded 100°C
6. -Ctrl extruded 100°C spiked NCC3001
7. NCC3001 extruded 100°C
8. NCC3001 extruded 130°C
9. SmartLadder SF Eurogentec

FIG. 11C